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§ 29. **Note on *Cynosurus cristatus*.**—In the last number of the *Botanical Gazette*, Mr. G. Guttenberg mentions finding *Cynosurus cristatus*, L., near Lake Chautauqua, N. Y., last summer. I collected this plant at Bangor, Maine, in 1876, and at Portland in 1878—in localities where it was evidently introduced. The late Mr. Coe F. Austin collected it in some abundance at Hoboken, New Jersey, in 1868. It seems to have gained an extended footing in this country, and may be regarded a well-established species. This grass is common in England, where it is perennial and is known as “crested dogs-tail grass.”

Girard College, Philadelphia.

F. LAMSON SCRIBNER.

§ 30. **Botanical Literature.**—The *Revue Mycologique*. The first part (dated January) of the current volume of this Mycological and Lichenological French quarterly has just come to hand, and contains more original communications than usual. Descriptions of new fungi are furnished by MM. Gillet, Brunaud, Karsten, Kalchbrenner, Roumeguère and Saccardo; a new systematic arrangement of several orders of the Hymenomycetes is contributed by M. Karsten; and notes and comments on various subjects relating to the fungi and lichens and their literature make up the remaining portion of the number. Five plates are furnished to illustrate the text. The loose manner in which the pages are thrown together makes reference to this periodical very inconvenient.

In the *Botanical Gazette* for February, Dr. Howe presents evidence to show that *Carex Sullivantii* should not be regarded as a genuine species, but as merely a hybrid between *C. gracillima* and *C. pubescens*. Mr. Higley gives another instalment of his experiments on carnivorous plants; Prof. Bessey describes two easily-constructed apparatus for measuring the longitudinal growth of plants; and Dr. Vasey describes a new species of *Trichostema* (*T. Parishii*) from California.

In Trimen's *Journal of Botany* for February, R. A. Pryor has some 'Notes on the Herbarium of Abbott'; Dr. Hance describes a new Melastome of the genus *Otanthera*; W. A. Beckwith presents some 'Notes on Shropshire Plants'; and G. S. Jenman gives a 'Third Supplement to the Ferns recorded in Grisebach's Flora of the British West Indies.'

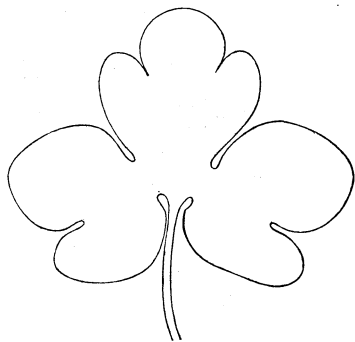
The Botanical Collector's Hand-book.—Under this title, Mr. George A. Bates, of Salem, Mass., proposes to issue early in the spring of the present year, a work which will prove of value not only to young botanical collectors but also to older and more experienced workers. The author, Mr. W. W. Bailey, who is well known to our readers, has had long experience as a collector, and no one could be found better qualified to undertake the elaboration of such a work. In the preparation of his manuscript Mr. Bailey has had the hearty co-operation of Prof. D. C. Eaton, of Yale College, Prof. John Robinson, of the Essex Institute, Prof. W. G. Farlow, of Harvard University, and many other prominent American botanists. Some of these gentlemen have contributed full details of processes in their special departments of study. The work is to embrace the following subjects: Some account of botanical excursions, their uses and

methods ; a description of the collector's outfit; field-work, how performed; closet-work and care of herbarium; correspondence and exchanges; and some account of public herbaria and museums of vegetable products. Apparatus will be fully illustrated. The work will be placed at so low a price as to bring it within the reach of all; but, as a further inducement, the publisher offers a discount of 10 per cent. from the prospective price of \$1.50 to all who subscribe before the book is published.

§ 31. **Proceedings of the Torrey Botanical Club.**—The regular monthly meeting of the Club was held at the Herbarium, Columbia College, Tuesday evening, Feb. 8th. In the absence of the presiding officers the chair was occupied by Mr. J. D. Hyatt. There were present eighteen members and two visitors.

Mr. Britton read an interesting communication from Mr. H. H. Rusby, giving a sketch of the general character of the flora of New Mexico.

Plants Exhibited.—Mr. Wright exhibited a beautiful collection of Australian ferns which were sent by Mr. Chorlton for the Club's herbarium. Mr. Gerard exhibited an example of *Heterophylly in Hepatica*.—The leaf shown was one of several similar



ones taken from the same plant, and each of which possessed a like peculiarity—the middle lobe being deeply trilobate and the lateral ones bilobate (as seen in the annexed figure), thus making an approach toward the leaf-forms found in the genus *Anemone* into which the old genus *Hepatica* is now merged

Mr. Schrenk showed and remarked upon a specimen of *Silene Pennsylvanica* having a pentamerous ovary, and which is referred to at more length on another page of the present number.

A note from Mr. O. R. Willis was read, stating that the biographical sketch of the late Prof. Wood in course of preparation by him would be presented before the Club at the next meeting.

§ 32. **Ferns of New Mexico.**—For the benefit of lovers of ferns, we give the following list of the 14 species which are comprised in the sets now being distributed by Mr. Henry H. Rusby. The specimens were collected in Grant County, New Mexico, during the fall of 1880, and no pains have been spared by Mr. Rusby to have them complete, perfect, beautiful and ample. Those of our friends who have purchased sets are highly pleased with them. *Gymnogramme hispida*, Mett., *Notholaena sinuata*, Kaulfuss, *N. Hookeri*, D. C. Eaton, *N. dealbata*, Kunze, *Cheilanthes Wrightii*, Hook., *C. lanuginosa*, Nutt., *C. Eatonii*, Baker, *C. Fendleri*, Hook., *C. Lindheimeri*, Hook., *Pellaea atropurpurea*, Link, *P. Wrightiana*, Hook., *P. andromedaefolia*, var. *pubescens*, Baker, *P. ternifolia*, Link, and *Woodsia Oregana*, D. C. Eaton, variety.